

We claim:

1. Cicatrizant hydrocolloidal patch comprising
  - a) a support layer,
  - b) an adhesive layer containing an adhesive polymer, at least one hydrocolloid,  
5    hyaluronic acid or a pharmaceutical salt thereof, chondroitin sulphate or a  
     pharmaceutical salt thereof,
  - c) a protective layer removable at the moment of use.
2. The patch as in claim 1, containing hyaluronic acid in the form of one of its  
     pharmaceutically acceptable salts at concentrations of between 0.01 and 5% in  
10    weight out of the total weight of adhesive layer (b).
3. The patch as in claim 2, containing the sodium salt of hyaluronic acid at  
     concentrations of between 0.01% and 1.5% in weight out of the total weight of  
     adhesive layer (b).
4. The patch as in claim 3, containing the sodium salt of hyaluronic acid at  
15    concentrations of between 0.05% and 1% in weight out of the total weight of  
     adhesive layer (b).
5. The patch as in claim 1, wherein the molecular weight of hyaluronic acid is  
     preferably between 50,000 and 1,000,000.
6. The patch as in claim 1, wherein the chondroitin sulphate in the patch is  
20    sodium chondroitin sulphate, and the concentration of said active principle is  
     between 0.01% in weight and 5% in weight out of the total weight of adhesive  
     layer (b).
7. The patch as in claim 6, wherein the chondroitin sulphate in the patch is  
     sodium chondroitin sulphate, and the concentration of said active principle is  
25    between 0.01% in weight and 2.5% in weight out of the total weight of adhesive  
     layer (b).
8. The patch as in claim 1, containing sodium hyaluronate at concentrations  
     between 0.01 and 1,5% and sodium chondroitin sulphate at concentration  
     between 0.01 and 2.5% in weight out of the total weight of adhesive layer (b).
- 30    9. The patch as in claim 8, containing sodium hyaluronate at concentrations  
     between 0.05 and 1% and sodium chondroitin sulphate at concentration  
     between 0.05 and 1% in weight out of the total weight of adhesive layer (b).

10. The plaster as in claim 9, wherein the concentration of sodium hyaluronate is 0.2% and that of sodium chondroitin sulphate is 0.3% out of the total weight of adhesive layer (b).
11. The patch as in claim 1, wherein the hydrocolloid is chosen from the group consisting of sodium carboxymethylcellulose of molecular weight of between 700 and 50,000, pectin USPL optionally mixed with saccharose, or relative mixtures thereof.
12. The patch as in claim 11, wherein the concentration of said hydrocolloid is between 10 and 90% in weight out of the total weight of adhesive layer (b).
13. The patch as in claim 1, wherein said hydrocolloid is a mixture of sodium carboxymethylcellulose and pectin USPL added with saccharose at concentrations of between 10 and 80% in weight out of the total weight of adhesive layer (b).
14. The patch as in claim 13, wherein the concentration of said hydrocolloid is between 70 and 90% in weight out of the total weight of adhesive layer (b).
15. The patch as in claim 14, in which the concentration of said hydrocolloid is equal to 47% in weight.
16. The patch as in claim 1, wherein the adhesive polymer of layer (b) is chosen between polyisobutylene of molecular weight of between 500 and 100,000, isoprene/styrene copolymer, or relative mixtures thereof, at concentrations of between 10 and 90% in weight out of the total weight of adhesive layer (b).
17. The patch as in claim 1, wherein the adhesive polymer of layer (b) consists of a mixture of polyisobutylene with a molecular weight of 40,000 and of styrene/isoprene copolymer at a concentration of between 10 and 80% in weight out of the total weight of adhesive layer (b).
18. The patch as in claim 17, wherein the concentration of said polymeric mixture is equal to 45% in weight out of the total weight of adhesive layer (b).
19. The patch as in claim 1, further containing a plasticizer chosen from the group consisting of mineral oil optionally with traces of white naphthenic oil, a mixture of petroleum hydrocarbon resin and polyterpenic resin, and relative mixtures of said plasticizers at concentrations of between 0.5 and 25% in weight calculated out of the total weight of said adhesive layer (b).

20. The patch as in claim 1, further containing a plasticizer containing a mixture of mineral oil optionally with traces of white naphthenic oil with a mixture of polyterpenic resin/ petroleum hydrocarbon resin, said plasticizer being at a concentration between 1 and 10% in weight out of the total weight of adhesive layer (b).
21. The patch as in claim 20, wherein the concentration of said plasticizer is approx. 8% in weight out of the total weight of adhesive layer (b).
22. The patch as in claim 1, wherein the support layer (a) consists of polyurethane as a film or foam.
23. The patch as in claim 1, wherein layer (c), the sheet removable at the moment of use, is preferably made of silicon paper.
24. Process to prepare the patch of claim 1 comprising the following steps:
- i) dry mixing of the hyaluronic acid and chondroitin sulphate with the hydrocolloid,
  - ii) mixing of the powders of the previous stage with the adhesive composition and optionally a plasticizer;
  - iii) extrusion of the paste deriving from step (ii) at a temperature of between 40 and 90°C between support layer (a) and the removable protective layer (c).
25. The process of claim 22, wherein the temperature of stage (iii) is 80°C.